

IN THE U.S. PATENT AND TRADEMARK OFFICE  
Patent Application Transmittal Letter

Mail Stop Patent Application  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

22389 U.S. PTO  
10/692612  
102403

Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) is a(n): ☒ Utility ☐ Design

☒ original patent application,  
☐ continuation-in-part application

INVENTOR(S): Heon Lee

TITLE: Magnetic Tunnel Junction Device With Dielectric Spacer

Enclosed are:

☒ The Declaration and Power of Attorney. ☐ signed ☒ unsigned or partially signed  
☒ 18 sheets of drawings (one set) ☐ Associate Power of Attorney  
☐ Form PTO-1449 ☐ Information Disclosure Statement and Form PTO-1449  
☐ Priority document(s) ☐ (Other) (fee \$ )

| CLAIMS AS FILED BY OTHER THAN A SMALL ENTITY         |                     |                     |             |               |
|--|---------------------|---------------------|-------------|---------------|
| (1)<br>FOR   | (2)<br>NUMBER FILED | (3)<br>NUMBER EXTRA | (4)<br>RATE | (5)<br>TOTALS |
| TOTAL CLAIMS   | 18 — 20             | 0                   | X \$18      | \$ 0          |
| INDEPENDENT CLAIMS                                   | 3 — 3               | 0                   | X \$86      | \$ 0          |
| ANY MULTIPLE DEPENDENT CLAIMS                        | 0                   |                     | \$290       | \$ 0          |
| BASIC FEE: Design ( \$340.00 ); Utility ( \$770.00 ) |                     |                     |             | \$ 770        |
| TOTAL FILING FEE                                     |                     |                     |             | \$ 770        |
| OTHER FEES   |                     |                     |             | \$            |
| TOTAL CHARGES TO DEPOSIT ACCOUNT                     |                     |                     |             | \$ 770        |

Charge \$ 770 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

"Express Mail" label no. EL541905322US

Date of Deposit Oct 24, 2003

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

By Alba P Escobar  
Typed Name: Alba P Escobar

Respectfully submitted,

Heon Lee

By

Trueman H Denny III

Attorney/Agent for Applicant(s)  
Reg. No. 44,652

Date: Oct 24, 2003

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